COURSE OBJECTIVE

This course is intended for military and civilian technical personnel who are interested in refreshing and updating their knowledge in the areas that are listed in the course outline below. The course provides an excellent overview and stresses the more practical aspects of the topics listed.

COURSE OUTLINE

Monday, A.M.

ECONOMICS OF INFORMATION AGE
Prof. Ted Lewis, Naval Postgraduate School
- Information Age Characteristics
- Software Economics
- Friction Free Economy

Monday, P.M.

NETWORK-CENTRIC COMPUTING
Prof. Bert Lundy, Naval Postgraduate School
- Models of distributed systems
- Secured and fault-tolerant distributed computing
- Network-Centric architectures

Tuesday, A.M.

RISK ASSESSMENT AND MANAGEMENT
Dr. Mike Evans, Integrated Computer Engineering
- Risk management basics
- Risk Identification, Analysis, Prioritization & Reporting
- Risk Assessment Process

Tuesday, P.M.

SOFTWARE PRODUCTIVITY AND QUALITY
Prof. Norm Schneidewind, Naval Postgraduate School
- Models of software reliability
- Software Metrics
- Software Quality Assurance

Wednesday, A.M.

REQUIREMENTS ENGINEERING
Prof. Valdis Berzins, Naval Postgraduate School.
- Software specification
- Techniques for software verification
- Model checking and static analysis

Wednesday, P.M.

DECISION SUPPORT SYSTEMS
Prof. Mark Nissen, Naval Postgraduate School
- Introduction to Decision Support Technology
- Group Decision Support
- Distributed and Collaborative Planning

Thursday, A.M.

MAINTENANCE OF LARGE SOFTWARE SYSTEMS
Prof. Man-Tak Shing, Naval Postgraduate School.
- Software Reengineering
- Analysis of Software Artifacts
- Software Transformation

Thursday, P.M.

COMPUTER-AIDED PROTOTYPING
Prof. Bruce Shultes, Naval Postgraduate School.
- Models and architecture
- Languages and code generation
- Methods and tool support

Friday, A.M.

SOFTWARE ENGINEERING AND MANAGEMENT
Prof. John Osmundson, Naval Postgraduate School
- Software project planning
- Scheduling/costing monitoring and review
- Case study

SOFTWARE TECHNOLOGY REVIEW AND UPDATE FOR TECHNICAL PERSONNEL
August 30 – September 3, 1999

REGISTRATION FORM

Name _____

Title _____

Organization _____

Address _____

City_____

State _____ **Zip** _____

Business Phone _____

DSN _____

FAX _____

Home Phone _____

E-mail _____

Please fax this registration form to (831) 656-3225 and mail registration fee to the address below by **August 1, 1999**. Your check for $600.00 should be made payable to the "Treasurer of the United States". You may also use a DoD form 1556.

Naval Postgraduate School
Computer Science Department
Attn: Prof. Luqi, Code CS/Lq
833 Dyer Road
Monterey, CA 93943-5118

SOFTWARE TECHNOLOGY REVIEW AND UPDATE FOR TECHNICAL PERSONNEL

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**Naval Postgraduate School
Monterey, CA 93943-5118**

GENERAL INFORMATION

RESPONSE: Please return the attached registration form and fee of $600 no later than August 1, 1999 to: Naval Postgraduate School, Computer Science Department, Attn: Prof. Luqi, Code CS/Lq, 833 Dyer Road, Monterey, CA 93943-5118. Early response is advised. Applications will be acknowledge. Payment to be made by check (U.S. dollars) payable to the "Treasurer of the United States" or DoD form 1556.

REFUNDS: Notification of cancellation must be received by NPS no later than one week before the course starts. Registrants who cancel after this date or fail to attend are subject to forfeiture of the entire fee. Substitutions are permitted.

CANCELLATIONS: NPS reserves the right to cancel any short courses due to insufficient registration or any situation beyond its control. Participants will be notified immediately by mail and a full refund will be issued. NPS will not be responsible for expenses incurred because of course cancellation.

ACCOMODATIONS: Rooms have been reserved at the Monterey Bay Lodge, 55 Camino Aquajito, Monterey, CA 93940, (walking distance from NPS). The hotel cost is $80.10 plus tax per night per room. **You must reserve your room at the Monterey Bay Lodge by July 26, 1999 to secure the conference rate**. Please contact the hotel directly at 1-831-372-8057 and ask for the "Software Technology Rate Code" when making the reservation.

TRANSPORTATION: The Monterey Airport is served by several airlines from Los Angeles and San Francisco and is located two miles east of the NPS campus. The San Francisco International Airport is a two-hour drive from Monterey, and the San Jose International Airport is a one-hour drive from Monterey.

FURTHER INFORMATION: Contact the Software Engineering program office: (831) 656-2073, [DSN 878-2073], or email to se@cs.nps.navy.mil.